BRUHATH BANGALORE MAHANAGARA PALIKE

YALAHANKA ELECTRICAL DIVISION

PRE MEASUREMENT BOOK

Name of work:- - Providing and laying ACSR/abc street light wires and switches in ward no.3

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Name of work: :-Providing and laying ACSR/abc street light wires and switches in ward no.3

Name of Contractror of nature of Agency:- M/s Swamy Electrical

Job Code No:- 003-20-000113

Ref no and Date of commencement of work:-EE(Ele)YZ/WO/000029/2020-21 Date:- 11-08-2020

Measurement Book No:- 2571/19-20 **Page No:** 25702 TO 025

Bill NO :-

Sl. No.	Description of item		Unit	Present Measurements		
				Qty	Tender Full Rate	Cost
1	Digging of Pits 1.8 mtr depth for errection of 9 to 10mtr Long Steel/RCC/PSC supports as per approved Drawing.Ordinary Soil		Nos	6	378.00	2268.00
2	Erection of steel supports 9.0 to 10.00 mtr long suchas 22.68 kg (50 lbs) Rail, 27.22 kg (60 Lbs) Rail IBeam of sizes 200x100mm, 175x90 mm, 125x100mm. Fabricates poles tubular poles in pits of 1.8 mtrDepth, Aligning, Refilling with soil and ramming asapproved drawing		Nos	6	304.00	1824.00
3	Pole concreting with CC 1:2:4 (without coping) f) 8mtrs support (400x400x1500mm)		Nos	6	982.00	5892.00
4	Any Dismantling work 90% of the corresponding erection charges(304x90%=273.6)		Nos	6	273.00	1638.00
5	Transportation using 7.5/10 Tons Lorry Rs. 23 per Kms subjected to a minimum of Rs. 1200/-per day (shifting of Panel boards & Poles)		Nos	6	1200.00	7200.00
6	Painting of existing street light pole after scrapping the old paint and painted with suitable colour enamel/Silver paint including coping/footing of the pole and above street light pole.	.8Mtr	Nos	6	700.00	4200.00
1	Near shanimhathma Temple K. V. Jayaram	1 No				
2	M S Palya Main road Near Y2R Power solutins	1 No				
3	M S Palya Main road Near AMZa Hotel	1 No				
4	Zoom Zoom Gate Air force road MS Palya	3 No				
7	Supplying of 1.1KV grade Aerial Bunched Cable Stranded & Compacted Aluminum Phase Conductor, and Stranded Messenger Conductor with all aluminum Alloy, Phase Conductor is insulated with XLPE Compound, insulated Messenger with specified IS-14255:1995 & confirming to GTP of GROUP-A.2 X 25 + 1 X 25 SQ.MM KPWD ELE SR 2014-15		Per Mtr	998	123.00	122754.00
8	Stringing of 1.1kv LT Arial Bunched Cable, BESCOM SR		Per Mtr	998	9.00	8982.00
	ABC Wire Details , VISHWANAGAR					
1	GE/03/TC/VN/00/24 to GE/03/TC/VN/00/25	31				
2	GE/03/TC/VN/00/25 to GE/03/TC/VN/00/26	30				
3	GE/03/TC/VN/00/26 to GE/03/TC/VN/00/27	28				
4	GE/03/TC/VN/00/27 to GE/03/TC/VN/00/28	28				
5	GE/03/TC/VN/00/28 to GE/03/TC/VN/00/29	30				
6	GE/03/TC/VN/00/29 to GE/03/TC/VN/00/30	30				
7	GE/03/TC/VN/00/30 to GE/03/TC/VN/00/31	30				

12/20

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8	GE/03/TC/VN/00/31 to GE/03/TC/VN/00/32	22				
	ABC Wire Details , FIRST F BLOCK VISHWANAGAR					
1	GE/03/TC/VN/00/05/S toGE/03/TC/VN/00/06/S	60				
2	GE/03/TC/VN/00/06/Sto GE/03/TC/VN/00/-	30				
3	NEW POLE-01 to NEW POLE-02	30				
4	GE/03/TC177/Y5/00/08/S to GE/03/TC17/Y5/00/09S	30				
5	GE/03/TC177/Y5/00/09/S to GE/03/TC17/Y5/00/10S	35				
	, Hegde Nagara	60				
1	VA/10/TC33/BEL/NR/00/01/S to	35				
2	VA/10/TC33/BEL/NR/00/02 to	35				
3	VA/10/TC33/BEL/NR/00/03 to	35				
4	VA/10/TC33/BEL/NR/00/04 to	40				
5	VA/10/TC33/BEL/NR/00/05A to	40				
6	VA/10/TC33/BEL/NR/00/06 to	35				
7	VA/10/TC33/BEL/NR/00/07 to	35				
8	VA/10/TC33/BEL/NR/00/08 to	35				
9	VA/10/TC33/BEL/NR/00/09 to VA/10/TC33/BEL/NR/00/10	35				
10	GE/03/TC10/Y4/1M/01 to GE/03/TC10/Y4/1M/02	30				
11	GE/03/TC10/Y4/1M/02 to GE/03/TC10/Y4/1M/03	20				
12	GE/04/TC00/YDR/15/S*S toGE/04/TC00/YDR/10/S*S	50				
13	MCECHES Layout(ias Colony) 5 Span x 30 Mtrs	150				
	Total 1014 Mtrs	1049				
9	Supplying and stringing of ACSR Conductor (6/2.59mm Al +1/2.59mm Steel).34/5.11 KPWD ELE SR 2014-15		MTR	1997	25.00	49925.00
1	GE/03/TC/CL/MR/01/S TO GE/03/TC/CL/MR/02/S	22 Mtrs				
2	GE/03/TC/CL/MR/02/S TO GE/03/TC/CL/MR/03/S	20 Mtrs				
3	GE/03/TC/CL/MR/03/S TO GE/03/TC/CL/MR/04/S	25 Mtrs				
4	GE/03/TC/CL/MR/04/S TO GE/03/TC/CL/MR/05/S	35 Mtrs				
5	GE/03/TC/CL/MR/05/S TO GE/03/TC/CL/MR/06/S	28 Mtrs				
6	GE/03/TC/CL/MR/06/S TO GE/03/TC/CL/MR/07/S	18 Mtrs				
7	GE/03/TC/CL/MR/07/S TO GE/03/TC/CL/MR/08/S	20 Mtrs				
8	GE/03/TC/CL/MR/08/S TO GE/03/TC/CL/MR/09/S	25 Mtrs				
9	GE/03/TC/CL/MR/09/S TO GE/03/TC/CL/MR/10/S	20 Mtrs				
10	GE/03/TC/CL/MR/10/S TO GE/03/TC/CL/MR/11/S	28 Mtrs				

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BBMP, Bangalore

	Chandrappa L/o 2nd Main 1st Cross road M.S.Palya					
1	GE/03/TC/CL/MR/00/02/S TO GE/03/TC/CL/00/01/01/S	30 Mtrs				
2	GE/03/TC/CL/00/01/01/S TO GE/03/TC/CL/00/01/02/S	30 Mtrs				
3	GE/03/TC/CL/00/01/02/S TO GE/03/TC/CL/00/01/03/S	30 Mtrs				
	Chandrappa L/o 2nd Main 2nd Cross road M.S.Palya					
1	GE/03/TC/CL/MR/04/S/S TO GE/03/TC/CL/00/02/01/S	30 Mtrs				
2	GE/03/TC/CL/00/02/01/S TO GE/03/TC/CL/00/02/02/S	30 Mtrs				
3	GE/03/TC/CL/00/02/02/S TO GE/03/TC/CL/00/02/03/S	30 Mtrs				
	Chandrappa L/o 2nd Main 3rd Cross road M.S.Palya					
1	GE/03/TC/CL/MR/05/S TO GE/03/TC/CL/00/03/01/S	25 Mtrs				
2	GE/03/TC/CL/00/03/01/S TO GE/03/TC/CL/00/03/02/S	30 Mtrs				
3	GE/03/TC/CL/00/03/02/S TO GE/03/TC/CL/00/03/03/S	25 Mtrs				
	Chandrappa L/o 2nd Main 4th Cross road M.S.Palya					
1	GE/03/TC/CL/MR/07/S TO GE/03/TC/CL/00/04/01/S	25 Mtrs				
2	GE/03/TC/CL/00/04/01/S TO GE/03/TC/CL/00/04/02/S	25 Mtrs				
3	GE/03/TC/CL/00/04/02/S TO GE/03/TC/CL/00/04/03/S	25 Mtrs				
	Chandrappa L/o 2nd Main 5th Cross road M.S.Palya					
1	GE/03/TC/CL/MR/09/S TO GE/03/TC/CL/00/05/01/S	30 Mtrs				
2	GE/03/TC/CL/00/05/01/S To GE/03/TC/CL/00/05/02/S	30 Mtrs				
3	GE/03/TC/CL/00/05/02/S To GE/03/TC/CL/00/05/03/S	30 Mtrs				
4	GE/03/TC/CL/00/05/03/S To GE/03/TC/CL/00/05/04/S	30 Mtrs				
5	GE/03/TC/CL/00/05/04/S To GE/03/TC/CL/00/05/05/S	30 Mtrs				
6	GE/03/TC/CL/00/05/05/S To GE/03/TC/CL/00/05/06/S	30 Mtrs				
	Chandrappa L/o 2nd Main 6th Cross road M.S.Palya					
1	GE/03/TC/CL/MR/11/S TO GE/03/TC/CL/00/06/01/S	25 Mtrs				
2	GE/03/TC/CL/00/06/01/S TO GE/03/TC/CL/00/06/02/S	25 Mtrs				
3	GE/03/TC/CL/00/06/02/S TO GE/03/TC/CL/00/06/03/S	25 Mtrs				
	Santhosha Nagara 6th Main Attur L/o					
1	SLVES/04/NSP/TC231/55/02/S TO RCC Pole GE/04/TC231/YA/0/5A/03/S	45 X 2= 90 Mtrs				
2	SLVES/04/NSP/TC231/39/02/S TO RCC Pole GE/04/TC231/YA/0/5A/20/S	55 X 2= 110 Mtrs				
3	SLVES/04/NSP/TC231/62/02/S TO RCC Pole GE/04/TC231/YA/0/5A/02/S	45 X 2= 90 Mtrs				

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4	SLVES/04/NSP/TC231/18/02/S TO RCC Pole GE/04/TC231/YA/0/7A/22/S	55 X 2= 110 Mtrs				
	Near SB Collage Of Management studies 4th Phase Yelahanka New Town (11 KVA RCC Pole)					
1	11 KVA RCC Pole No 01 TO 11 KVA RCC Pole No 02	28 X 3= 56 Mtrs				
2	11 KVA RCC Pole No 02 TO 11 KVA RCC Pole No 03	23 X 3= 46 Mtrs				
3	11 KVA RCC Pole No 03 TO 11 KVA RCC Pole No 04	20 X 3= 40 Mtrs				
4	11 KVA RCC Pole No 04 TO 11 KVA RCC Pole No 05	30 X 3= 60 Mtrs				
5	11 KVA RCC Pole No 05 TO 11 KVA RCC Pole No 06	30 X 3= 60 Mtrs				
6	11 KVA RCC Pole No 06 TO 11 KVA RCC Pole No 07	30 X 3= 60 Mtrs				
7	11 KVA RCC Pole No 07 TO 11 KVA RCC Pole No 08	30 X 3= 60 Mtrs				
8	11 KVA RCC Pole No 08 TO 11 KVA RCC Pole No 09	40 X 3= 80 Mtrs				
9	11 KVA RCC Pole No 09 TO 11 KVA RCC Pole No 10	40 X 3= 80 Mtrs				
10	11 KVA RCC Pole No 03 TO 1st Cross RCC Pole Mains **(Controller)**	25 X 3=50 Mtrs				
	Total 1997 Mtrs					
10	2 Pin Cross Arm with pole clamp, bolt & nuts & washers for RCC Pole - MS		Nos	69	162.00	11178.00
11	1.1 KV Pin Insulator 34/5.9.1 KPWD ELE SR 2014-15		Nos	68	44.00	2992.00
12	No. 8 Strain Insulator 33/5.4.3 KPWD ELE SR 2014-15		Nos	20	14.00	280.00
13	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) THREE POLE 100Amps 25kA.26/5.14.1		Each	16	4580.00	73280.00
14	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop-Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets.200mmx200mmx98mm		Each	16	1917.00	30672.00
1	GE/03/TC10/Y4/01M/18/S # 15, NEAR park first Main yelahanka 4th stage					
2	GE/03/TC97/GR/01M/12/S # 13, first Main , Indutrial Area yelahanka 4th stage					

Assistant Executive Engineer (Ele)
BBMP, Bangalore

3	GE/03/TC78/Y4/04/04/15/S # 187, Near sonu Dry Cleaners , 4th cross yelahanka 4th stage					
4	GE/03/TC79/Y4/00/05/01/S #707, Near Vishal Mart , yelahanka 4th stage					
5	GE/03/TC465/AL/01/00/02/S #177, Near Balaji niaya, CQAL , First Main , Attur layout					
6	GE/03/TC42/AL/MR/00/06/S Near Navya Fashision , Veerasagar Main road n , Attur layout					
7	GE/03/TC66/SN/53/S Near Deepak Hardware , 4th Cross, Sainagara					
8	GE/03/TC66/BL/0/10/11/S 10th Cross, first main , BHEL					
9	Empty Pole Near Muneswara Temple, Brundavan Layout					
10	GE/03/TC90/TA/00/03/05/S 3RD cross, thirumalanagar ,					
11	GE/03/TC66/SN/01/01/S#13, opp to Swamy vivekanda					
12	GE/03/TC146/AL/Attur Layout					
13	GE/03/TC/VN/00/06/S					
14	GE/03/TC63/CB/01/00/14/S first cross, Vishwanagar ,F,					
15	GE/03/TC63/CB/01/00/18/S # 14,NEAR Maramma					
16	GE/03/TC63/CB/02/00/07/S # 148, Chikkabettahalli , Adityanagara					
15	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A.4 core 16 sqmm	Mtrs	498	150.00	74700.00	
16	Labour charges for laying of 1.1 KV class UG cable when supplied agency in existing trench GI pipe / stoneware pipe / on wall /on pole as required. I. In existing trench/duct. 6 sqmm to 16 sqmm	Mtrs	498	30.00	14940.00	
UG Cable Nisarga Ground 5th Phase Yelahanka New Town						
1	GE/03/TC/175/NPR/GR/05/S TO GE/03/TC/175/NPR/GR/06/S	45 Mtrs				
2	GE/03/TC/175/NPR/GR/06/S TO GE/03/TC/175/NPR/GR/01/S	55 Mtrs				
3	GE/03/TC/175/NPR/GR/01/S TO GE/03/TC/175/NPR/GR/02/S	30 Mtrs				
4	GE/03/TC/175/NPR/GR/02/S TO Panal Board	39Mtrs				
5	Panal Board TO RCC Pole Mains	39 Mtrs				
6	Panal Board TO GE/03/TC/175/NPR/GR/03/S	50 Mtrs				
7	GE/03/TC/175/NPR/GR/03/S TO GE/03/TC/175/NPR/GR/04/S	50 Mtrs				
8	GE/04/TC/JL/UB/05/LED/F TO Panel board via under pass	60 Mtrs				
9	GE/04/TC/JL/UB/06/LED/F TO Panel board via under pass	60 Mtrs				
	Someshwaranagara Mini High Mast to Tubular Pole	70 Mtrs				
	Tota 498 Mtrs					

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BBMP, Bangalore

17	Digging of trench of 0.6 m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc.,complete.	Mtrs	380	55.00	20900.00
	Total Rs				433625.00
	Add GST Item No 13t o 17 Rs 214492.00 @ 12%				25799.04
	Total Rs				**459424.04**

CERTIFICATE:

1. This is certify that the work done is saticefactorily.
2. This is certify that the bill amount calimed in this bill does not claimed in any of the previous bill.

Junior Engineer(Elec)
Yalahanka Division

Asst.Exe.Engineer(Elec)
Yalahanka Division

Executive Engineer
Electrical Division
Yelahanka Zone BBMP
Byatarayanapura, Bangalore-92